

Abstract

The invention refers to methods for power saving in a mobile terminal comprising a
5 NIC, wireless Network Interface Card, used in a wireless LAN, WLAN or the like
having at least one access point AP, said card either externally plugged in or built in
or integrated in the PC, wherein the WLAN uses HIPERLAN Type 2 or IEEE
802.11 power save procedures and in which the mobile terminal uses an operating
system supporting device power states, e.g. the OnNow device power states (D0-
10 D3), in which method the mobile terminal requests a transition from an active state
D0 to a less active state, upon which request the NIC requests the access point AP to
be entered into WLAN sleep state, and on acknowledgement from the access point
the mobile terminal enters WLAN sleep state.

15 The methods also concerns the behaviour of the NIC and the mobile terminal on in-
activity and /or closing of the lid of a laptop being used in the above environment.